

AMENDMENT AND CLAIM LISTING

Please amend claim 1 as follows:

Please enter after final amendment of 3/1/2005

Claim 1 (currently amended)

1. A curing light comprising:

a wand adapted to be grasped by a human hand for applying light produced by the curing light to a light-activatable material,
a longitudinal axis of said wand,
a primary heat sink capable of dissipating heat created by a semiconductor light source,
a well in said heat sink, said well being sized to receive a semiconductor chip capable of producing light that is useful in curing light-curable materials,
a top opening of said well,
a bottom of said well,
a wall of said well, said wall of said well being capable of reflecting light,
a semiconductor chip capable of producing light that is useful in curing light-curable materials,
said semiconductor chip having a substrate,
said semiconductor chip having a plurality of epitaxial layers,
at least one of said epitaxial layers being an active layer,
at least some of said light produced by said chip being emitted from said well at an angular orientation θ with respect to said wand longitudinal axis, said angle θ being in the range of from about 30 degrees to about 150 degrees.

Claim 2 (original)

2. A curing light as recited in claim 1 wherein said substrate is selected from the group consisting of Si, GaAs, GaN, InP, sapphire, SiC, GaSb, and InAs.

Claim 3 (original)

3. A curing light as recited in claim 1 wherein at least some of said epitaxial layers are selected from the group consisting of contact layers, cladding layers, active layers, and buffer layers.